Atty Dkt No. PP01617.002 USSN: 09/721,479 PATENT

## **Currently Pending Claims**

- 1. (Amended) An isolated mutant non-structural ("NS") HCV polypeptide comprising a polypeptide having a deletion of more than 60 amino acids from the N-terminal portion of NS3, wherein said deletion functionally disrupts the catalytic domain of NS3 and further wherein said polypeptide comprises the C-terminal portion of NS3.
- 2. (Amended) The polypeptide of claim 1, wherein the deletion is at least 200 amino acids.
  - 3. Canceled.
- 4. The polypeptide of claim 1, wherein said NS polypeptide comprises NS3, NS4 and NS5.
- 5. The polypeptide of claim 1, wherein said NS polypeptide consists of NS3, NS4 and NS5.
- 6. The polypeptide of claim 1, wherein said NS polypeptide consists of NS3 and NS5.
  - 7. The polypeptide of claim 6, wherein said NS5 polypeptide consists of NS5a.
  - 8. The polypeptide of claim 6, wherein said NS5 polypeptide consists of NS5b.
- 9. The polypeptide of claim 1, wherein said NS polypeptide consists of NS3 and NS4.
  - 10. The polypeptide of claim 9, wherein said NS5 polypeptide consists of NS4a.
  - 11. The polypeptide of claim 9, wherein said NS5 polypeptide consists of NS4b.
- 12. The polypeptide of claim 4, further comprising a second viral polypeptide that is not NS3, NS4 or NS5 of HCV.
- 13. (Amended) The polypeptide of claim 12, wherein the second viral polypeptide comprises an HCV Core polypeptide ("C") or immunogenic fragment thereof.
  - 14. The polypeptide of claim 13, wherein the C polypeptide is truncated.

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- 15. The polypeptide of claim 14, wherein the truncation is at amino acid 121.
- 16. The polypeptide of claim 12, wherein the polypeptide further comprises an HCV envelope protein ("E").
  - 17. The polypeptide of claim 16, wherein the E is E1.
  - 18. The polypeptide of claim 16, wherein the E is E2.
  - 19. A composition comprising
  - (a) the polypeptide of claim 1; and
  - (b) a pharmaceutically acceptable excipient.
  - 20 through 31. Withdrawn.
- 32. The polypeptide of claim 1, wherein the polypeptide further comprises SEQ ID NO:9.
  - 33 through 42. Withdrawn.